

IN THE CLAIMS:

Cancel claims 2-4, 6, 10-16, and 20 without prejudice or disclaimer.

Please amend the claims as shown below:

Claim 1 (currently amended): An optical communication device for reflecting detection light of a wavelength to a central station in order to find disorders in a light guide, comprising:

a substrate;

at least one light guide provided on the substrate optical fiber for guiding the detection light and for guiding signal light of a wavelength different from the detection light;

at least one ferrule for holding a part of the optical fiber near an end of the fiber;

at least one optoelectronic device chip mounted upon the substrate and facing the end of the optical fiber for producing transmitting signal light for the central station or for receiving signals from the central station via the optical fiber; and

a detection light reflecting grating located on the a part of the optical fiber outside of the ferrule and between the ferrule and the optoelectronic device, the grating allowing light guide to lead the signal light[[],] to penetrate therethrough but reflecting the detection light which is emitted from the central station and which has a wavelength λ_3 different from the signal light, and to bring direct the detection light back via the same optical fiber light guide to the central station so that the central station detects the occurrence of disorders in the optical fiber light guide between the central station and the optical communication device by receiving or not receiving the detection light.

Claims 2-4 (canceled)

Claim 5 (currently amended): The optical communication device according to Claim 1, wherein a plurality of independent optical fibers having the detection light reflecting gratings are held by ferrules ~~is provided on the substrate~~ and an optoelectronic device is allocated at an end of each of the optical fibers for exchanging a plurality of signals via a plurality of fibers.

Claim 6 (canceled)

Claim 7 (original): The optical communication device according to Claim 5, wherein all the optoelectronic devices are PDs (photodiodes) for receiving a plurality of independent signals simultaneously.

Claim 8 (original): The optical communication device according to Claim 5, wherein all the optoelectronic devices are LDs (laser diodes) for transmitting a plurality of independent signals simultaneously.

Claim 9 (original): The optical communication device according to Claim 5, wherein m optoelectronic devices are LDs (laser diodes) for transmitting a plurality of independent signals simultaneously and k optoelectronic devices are PDs (photodiodes) for receiving a plurality of independent signals simultaneously.

Claims 10-16 (canceled)

Claim 17 (currently amended): The optical communication device according to Claim 2 1, wherein the substrate is a complex substrate being composed of a smaller first substrate of silicon single crystal and a larger second substrate being made of plastic and having a cavity and the substrates are coupled by putting the first substrate in the cavity of the second substrate.

Claim 18 (original): The optical communication device according to Claim 17, wherein the optoelectronic device is mounted upon the smaller first substrate and the fiber is supported by both the first and the second substrates.

Claim 19 (original): The optical communication device according to Claim 18, wherein the first substrate and the second substrate have V-grooves dug along center lines in longitudinal directions, the fiber is partially held by a ferrule and the ferrule is supported by the V-groove on the second substrate and the fiber is supported by the V-groove on the first substrate.

Claim 20 (canceled)